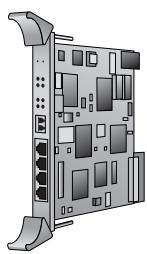
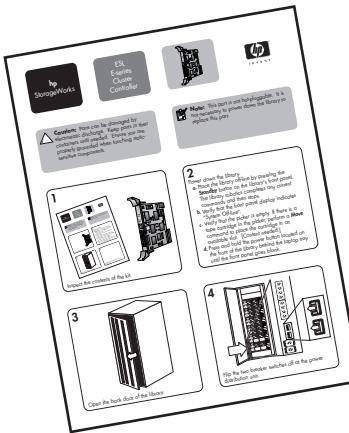


**Caution:** Parts can be damaged by electrostatic discharge. Keep parts in their containers until needed. Ensure you are properly grounded when touching static-sensitive components.



**Note:** This part is not hot-pluggable. It is necessary to power down the library to replace this part.

**1**



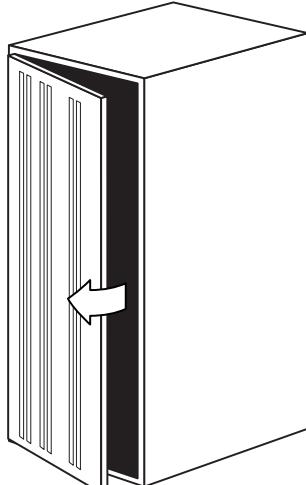
Inspect the contents of the kit.

**2**

Power off the library.

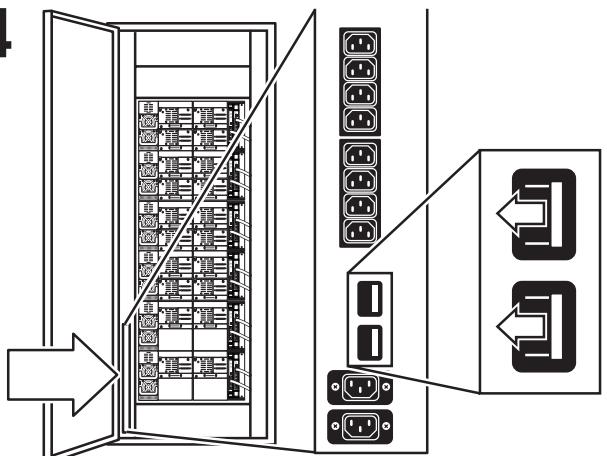
- a. Use your backup software to empty the picker or to verify that the picker is empty.
- b. Place the library off-line by pressing the **Standby** button on the library's front panel.
- c. Verify that the front panel display indicates "System Off-line".
- d. Press and hold the **power** button, located on the front of the library behind the laptop tray, until the front panel goes blank.

**3**

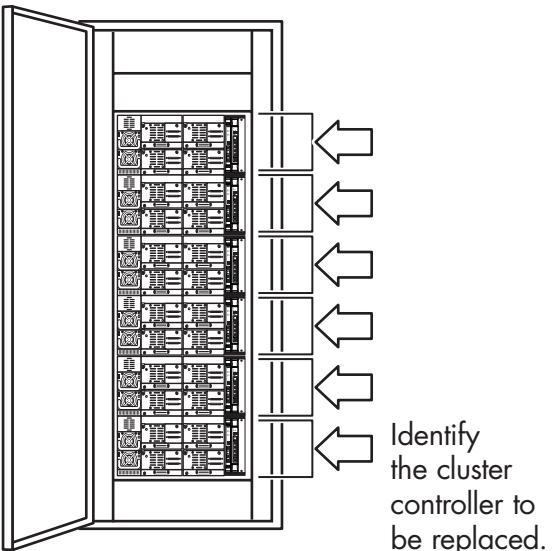


Open the back door of the library.

**4**

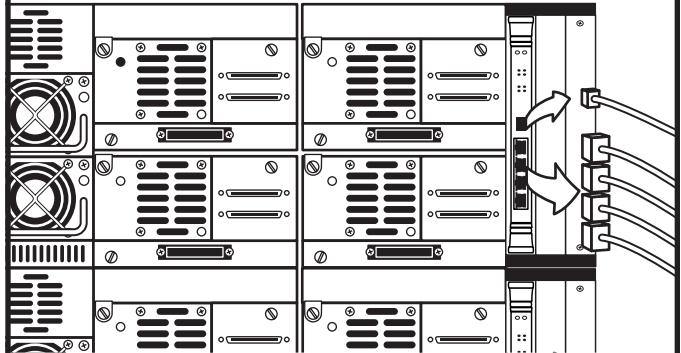


Flip the two breaker switches off (to the left) at the power distribution unit.

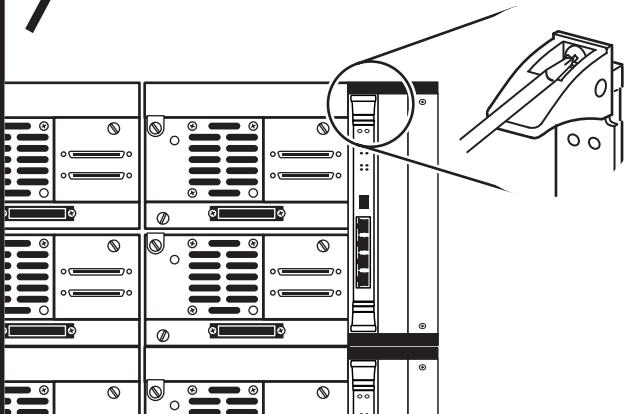
**5**

Identify the cluster controller to be replaced.

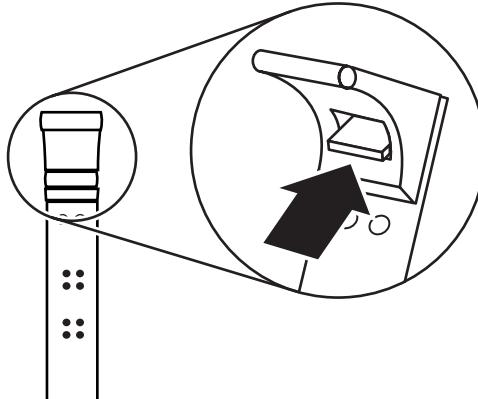
## Removal

**6**

Take note of the cable connections for easier reconnection to the replacement controller, then remove the cables from the controller.

**7**

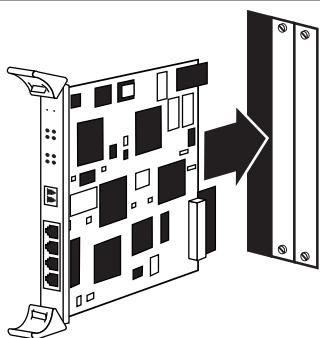
Use a #2 Phillips screwdriver to loosen the captive screws in the black ejector handles at both ends of the cluster controller.

**8**

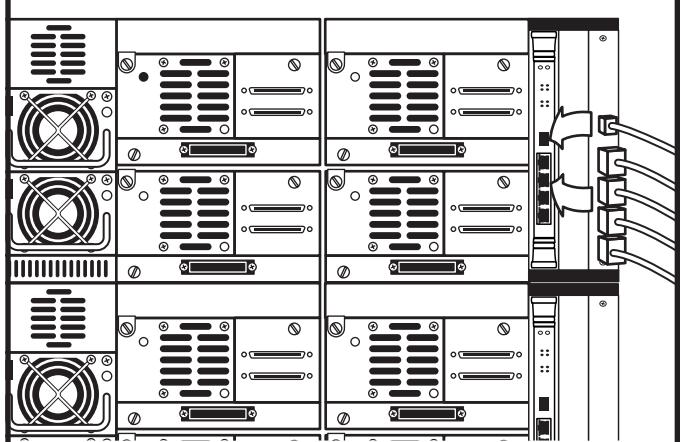
Push the white tabs in to free the ejector handle; pull on the ejector handles to remove the cluster controller.

**9**

## Replacement

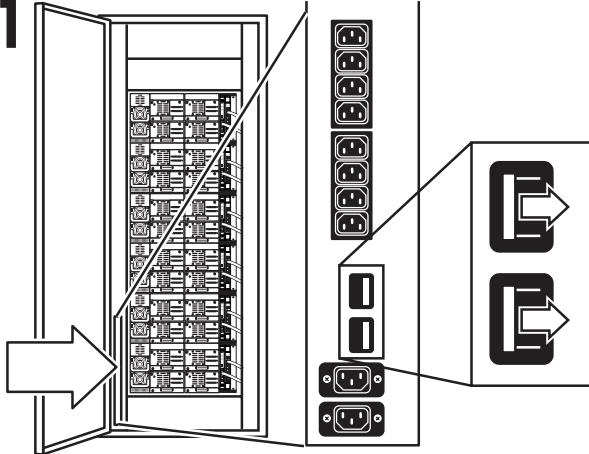


Align the replacement cluster controller with the guides in the library cluster controller bay, and slide the controller into the library. It will snap into place. Tighten the captive screws.

**10**

Reconnect the cables to the new cluster controller.

# 11



Flip the two breaker switches on at the power distribution unit.

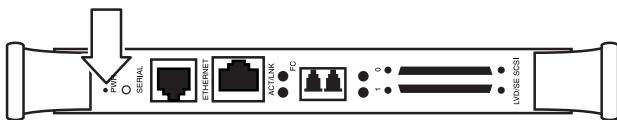
# 12

Power on the library.

- a. Verify that power cables are firmly in place.
- b. Press the power button located behind the laptop tray.
- c. After several seconds, verify that the current state of the library appears in the System State display on the front panel ("System On-line" or "System Off-line").

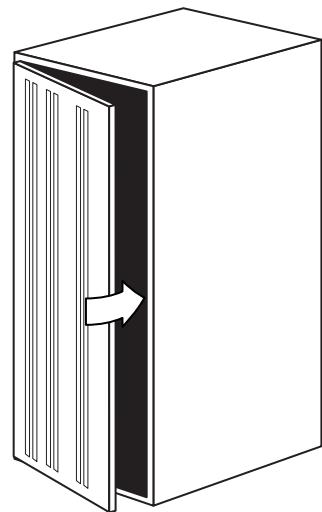
 **Note:** To change the state, press the **Standby** button on the front panel. This toggles the library between on-line and off-line states.

# 13



Verify that the status LED is green.

# 14



Close the back door of the library.

## Getting help

- HP product information:  
<http://www.hp.com/products/tapestorage>
- HP technical support and phone numbers:  
<http://www.hp.com/support>
- HP StorageWorks Library and Tape Tools (L&TT) diagnostic software:  
<http://www.hp.com/support/tapetools>
- Interface Manager and HP StorageWorks Command View ESL:  
<http://www.hp.com/support/cvesl>

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